

Summary of Water Conditions

March 1, 2011

February was a month of contrasts. The first half was abnormally warm and dry. The second half was cold and wet, with late month storms producing snow in low foothill areas not used to seeing much of the white stuff. Precipitation statewide was near average for the month and the mountain snowpack registered about a 25 percent gain for the month, which was about the normal increment for February, yielding a pack which is still well above average for this time of the year. The large snowpack should provide most areas of California with decent water supplies this year.

Forecasts of the median April through July runoff are about 110 percent of average compared to 90 percent last year at this time and an actual 125 percent of average runoff in 2010. Forecasted amounts are heavier in the southern Sierra. Water year forecasts are also about 110 percent of average statewide.

Snowpack water content is about 125 percent of average for this date compared to 105 percent last year. The pack is 110 percent of the April 1 average, normally the date of maximum accumulation. Percentages are higher in the southern Sierra; least on the north coast.

Precipitation from October through February was about 125 percent of average compared to 105 percent last year. February statewide precipitation was about 95 percent of average. Seasonal precipitation is heaviest in the south and ranges from 95 percent in the North Coast region to over 200 percent in the South Lahontan region.

Runoff, held back because of the coldness of late February storms and a dry January, was only about 60 percent of average for the month. Seasonal runoff, due to the wet fall, is average at 100 percent. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin river region in February was 1.93 million acre-feet

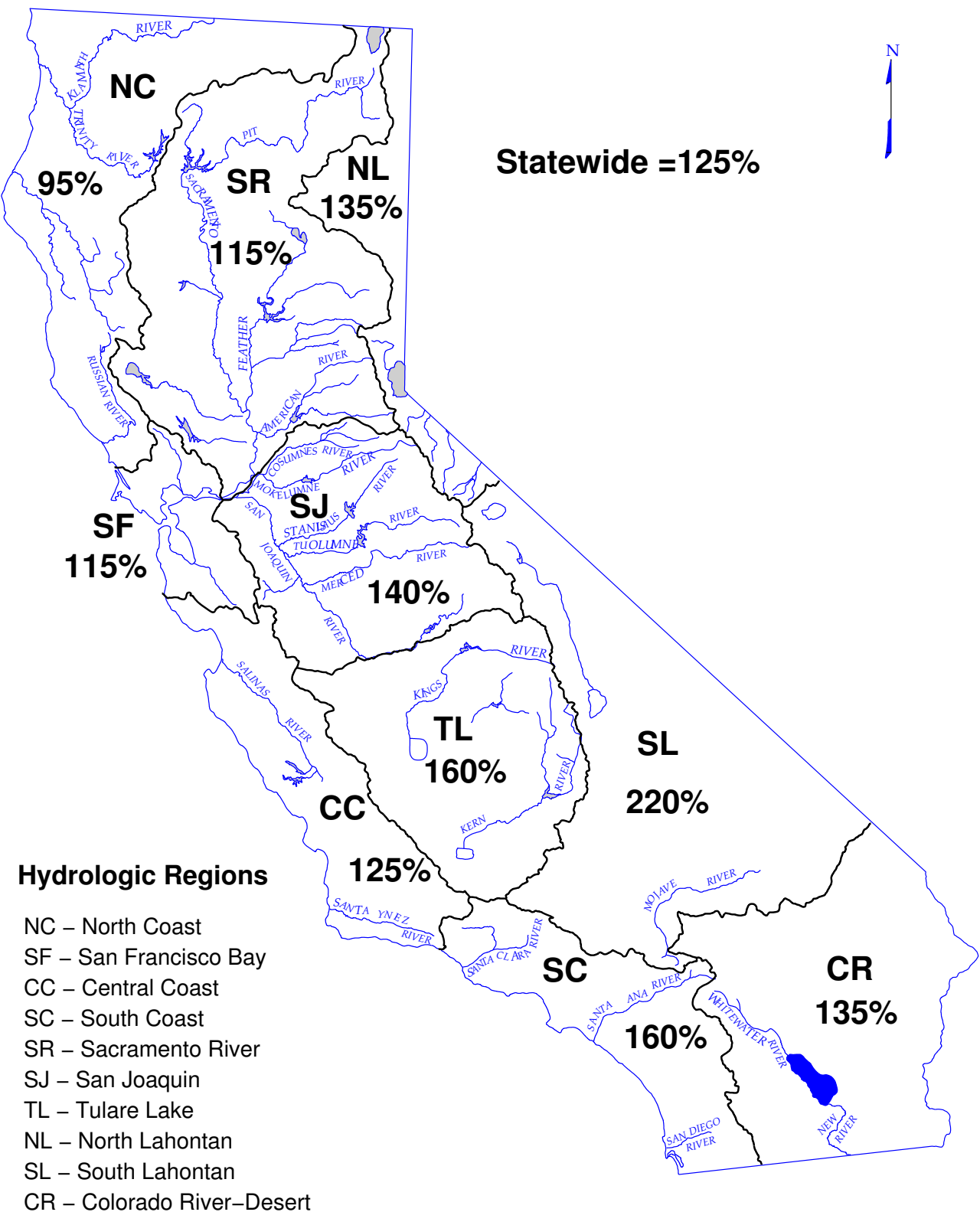
Reservoir storage continues above average at about 110 percent of average compared to 85 percent one year ago. Some of the Sierra foothill reservoirs continued in the flood control mode of operation.

SUMMARY OF WATER CONDITIONS IN PERCENT OF AVERAGE

HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	MARCH 1 SNOW WATER CONTENT	MARCH 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	95	65	105	85	90	85
SAN FRANCISCO BAY	115	--	105	85	--	--
CENTRAL COAST	125	--	110	110	--	--
SOUTH COAST	160	--	105	105	--	--
SACRAMENTO RIVER	115	120	105	90	100	95
SAN JOAQUIN RIVER	140	130	120	170	125	135
TULARE LAKE	160	145	120	190	135	145
NORTH LAHONTAN	135	135	80	140	120	125
SOUTH LAHONTAN	220	165	110	110	130	125
COLORADO RIVER- DESERT	135	--	--	--	--	--
STATEWIDE	125	125	110	100	110	110

DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
SEASONAL PRECIPITATION

IN PERCENT OF AVERAGE TO DATE
October 1, 2010 through February 28, 2011



WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

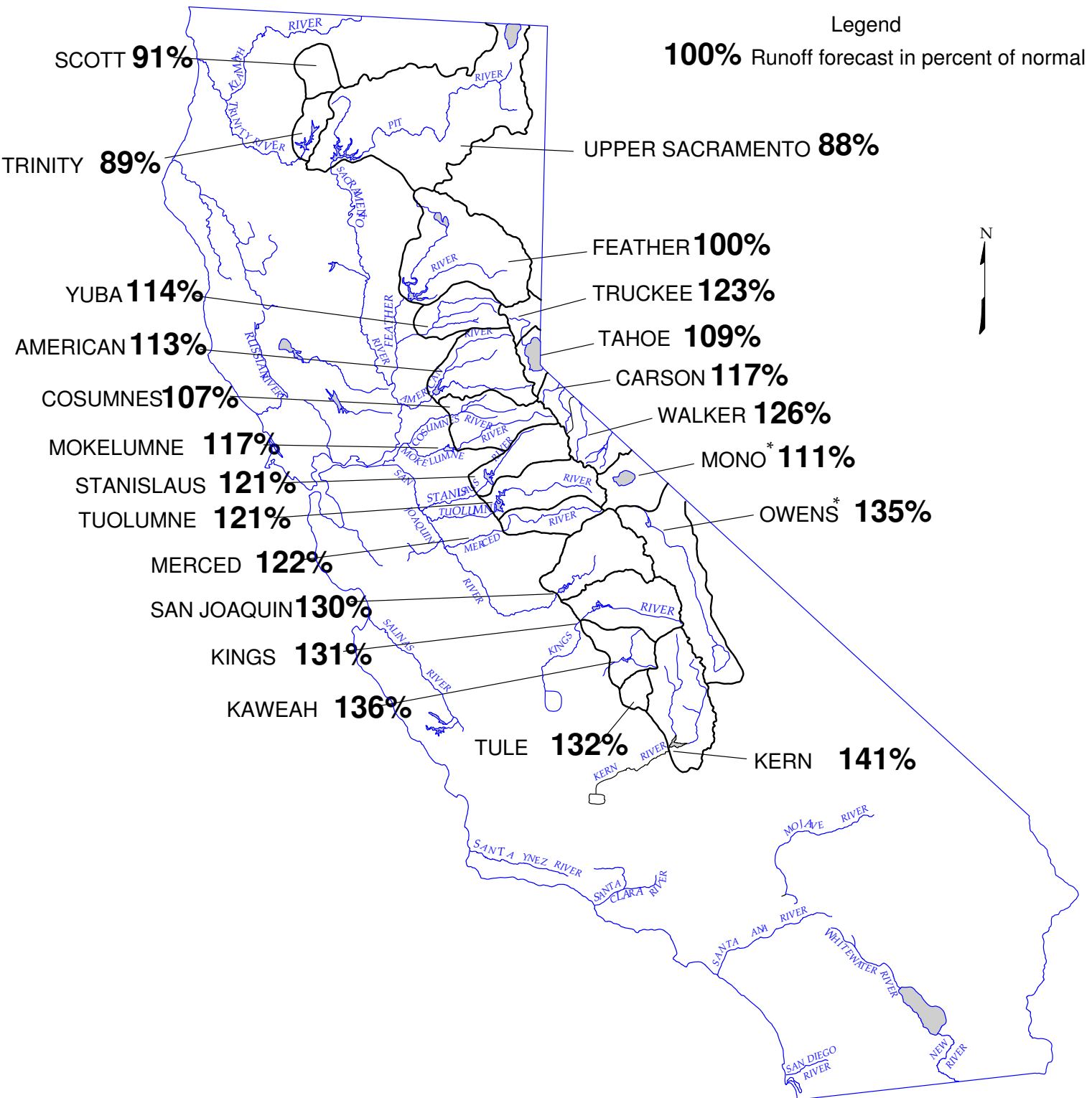
DEPARTMENT OF WATER RESOURCES

CALIFORNIA COOPERATIVE SNOW SURVEYS

FORECAST OF APRIL – JULY

UNIMPAIRED SNOWMELT RUNOFF

March 1, 2011



**MARCH 1, 2011 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF**

HYDROLOGIC REGION and Watershed	Unimpaired Runoff in 1,000 Acre-Feet (1)					
	HISTORICAL			FORECAST		
	50 Yr Avg (2)	Max of Record	Min of Record	Apr-Jul Forecasts	Pct of Avg	80 % Probability Range (1)
North Coast						
Trinity River at Lewiston Lake (10)	654	1,593	80	580	89%	450 - 870
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake	298	711	39	260	87%	
McCloud River above Shasta Lake	392	850	185	370	94%	
Pit River near Montgomery Creek + Squaw Creek	1,066	2,098	480	890	83%	
Total Inflow to Shasta Lake	1,819	3,525	726	1,600	88%	1,160 - 2,500
Sacramento River above Bend Bridge, near Red Bluff	2,494	5,075	943	2,170	87%	1,540 - 3,600
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	310	93%	
North Fork at Pulga (3)	1,028	2,416	243	970	94%	
Middle Fork near Clito (4)	86	518	4	80	93%	
South Fork at Ponderosa Dam (3)	110	267	13	100	91%	
Feather River at Oroville	1,782	4,676	392	1,780	100%	1,180 - 2,930
Yuba River						
North Yuba below Goodyears Bar	279	647	51	310	111%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	125	112%	
South Yuba at Langs Crossing (3)	233	481	57	250	107%	
Yuba River near Smartsville plus Deer Creek	1,006	2,424	200	1,150	114%	790 - 1,720
American River						
North Fork at North Fork Dam (3)	262	716	43	290	111%	
Middle Fork near Auburn (3)	522	1,406	100	580	111%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	190	110%	
American River below Folsom Lake	1,240	3,074	229	1,400	113%	950 - 2,230
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	126	363	8	135	107%	75 - 285
Mokelumne River						
North Fork near West Point (5)	437	829	104	480	110%	
Total Inflow to Pardee Reservoir	461	1,065	102	540	117%	420 - 780
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	400	120%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	270	121%	
Stanislaus River below Goodwin Reservoir (9)	702	1,710	116	850	121%	680 - 1,240
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy	315	727	97	380	121%	
Tuolumne River near Hetch Hetchy	604	1,392	153	730	121%	
Tuolumne River below La Grange Reservoir (9)	1,220	2,682	301	1,470	121%	1,210 - 2,090
Merced River						
Merced River at Pohono Bridge	372	888	80	460	124%	
Merced River below Merced Falls (9)	632	1,587	123	770	122%	630 - 1,120
San Joaquin River						
San Joaquin River at Mammoth Pool (7)	1,026	2,279	235	1,350	132%	
Big Creek below Huntington Lake (8)	91	264	11	120	132%	
South Fork near Florence Lake (7)	201	511	58	260	129%	
San Joaquin River inflow to Millerton Lake	1,254	3,355	262	1,630	130%	1,350 - 2,220
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	320	134%	
Kings River below Pine Flat Reservoir	1,224	3,113	274	1,600	131%	1,320 - 2,190
Kaweah River below Terminus Reservoir	286	814	62	390	136%	330 - 570
Tule River below Lake Success	64	259	2	84	132%	65 - 158
Kern River						
Kern River near Kernville	384	1,203	83	540	141%	
Kern River inflow to Lake Isabella	461	1,657	84	650	141%	540 - 950

(1) See inside back cover for definition

(2) All 50 year averages are based on years 1956-2005 unless otherwise noted

(3) 50 year average based on years 1941-90

(4) 44 year average based on years 1936-79

(5) 36 year average based on years 1936-72

(6) 45 year average based on years 1936-81

(7) 50 year average based on years 1953-2002

(8) 50 year average based on years 1946-1995

MARCH 1, 2011 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF

HISTORICAL			Unimpaired Runoff in 1,000 Acre-Feet (1)									FORECAST		
50 Yr Avg (2)	Max of Record	Min of Record	Oct Thru Jan	Feb *	Mar	Apr	May	Jun	Jul	Aug	Sep	Water Year Forecasts	Pct of Avg	80 % Probability Range (1)
1398	2990	200	439	93	165	210	235	105	30	10	8	1,295	93%	1125 - 1685
887	1,965	165												
1,217	2,353	557												
3,159	5,150	1,484												
6,107	10,796	2,479	1,785	485	690	600	465	300	235	210	205	4,975	81%	4,230 - 6,500
8,907	17,180	3,294	2,730	710	1,065	830	645	400	295	260	260	7,195	81%	6,100 - 9,675
780	1,269	366												
2,417	4,400	666												
219	637	24												
291	562	32												
4,620	9,492	994	1,445	375	580	710	630	300	140	100	85	4,365	94%	3,505 - 6,015
564	1,056	102												
181	292	30												
379	565	98												
2,373	4,926	369	920	165	300	420	470	215	45	20	20	2,575	109%	2,105 - 3,315
616	1,234	66												
1,070	2,575	144												
318	705	59												
2,719	6,382	349	1,120	225	375	490	580	275	55	20	10	3,150	116%	2,570 - 4,220
390	1,253	20	199	56	74	70	45	17	3	1	0	465	119%	370 - 700
626	1,009	197												
755	1,800	129	255	50	90	145	225	150	20	3	2	940	125%	790 - 1,230
471	929	88												
1,171	2,952	155	415	100	155	230	350	215	55	15	5	1,540	132%	1,330 - 2,020
461	1,147	123												
770	1,661	258												
1,951	4,631	383	700	135	230	320	535	470	145	30	15	2,580	132%	2,270 - 3,320
461	1,020	92												
1,007	2,787	150	355	110	130	170	310	230	60	15	5	1,385	138%	1,210 - 1,810
1,337	2,964	308												
112	298	14												
248	653	71												
1,836	4,642	362	490	115	190	290	570	540	230	70	30	2,525	138%	2,190 - 3,220
284	607	58												
1,721	4,287	386	470	100	155	270	570	540	220	65	30	2,420	141%	2,090 - 3,110
454	1,402	94	154	36	65	85	145	120	40	10	5	660	145%	580 - 880
148	615	16	92	14	33	32	33	14	5	2	1	226	153%	195 - 335
558	1,577	163												
730	2,318	175	210	55	85	140	245	175	90	35	20	1,055	144%	920 - 1,430

(9) Forecast point names based on USGS gage names. Stanislaus below Goodwin also known as inflow to New Melones, Tuolumne River below La Grange also known as inflow to Don Pedro, Merced River below Merced Falls also known as inflow to McClure.

(10) Coordinated Forecast by National Weather Service California-Nevada River Forecast Center and Department of Water Resources, State of California

**MARCH 1, 2011 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF**

HYDROLOGIC REGION and Watershed	Apr-Jul Unimpaired Runoff in 1,000 Acre-Feet (1)				
	HISTORICAL			FORECAST	
	50 Yr Avg (2)	Max of Record	Min of Record	Apr-Jul Forecasts	Pct of Avg
NORTH COAST					
Scott River					
Scott River nr Ft Jones (3)	181	398	22	165	91%
Klamath River					
Total inflow to Upper Klamath Lake (4)	515	1,151	149	500	97%
NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	261	713	52	320	123%
Lake Tahoe Rise (assuming gates closed, ft)	1.4	5.4	0.2	1.5	109%
Carson River					
West Fork Carson River at Woodfords	54	135	12	63	116%
East Fork Carson River near Gardnerville	187	407	43	220	118%
Walker River					
West Walker River below Little Walker, near Coleville	154	330	35	190	123%
East Walker River near Bridgeport	64	209	7	85	133%
SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	96	317	135%

(1) See inside back cover for definition

(2) All 50 year averages are based on years 1956-2005 unless otherwise noted

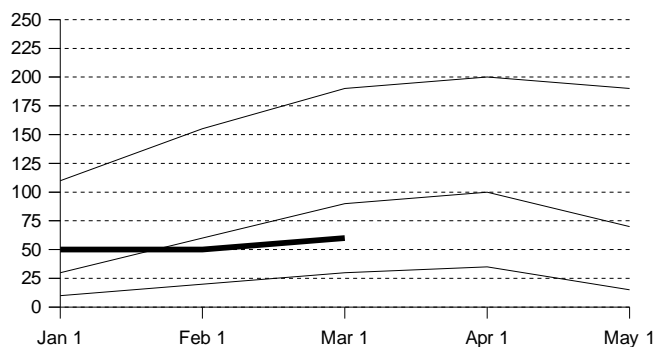
(3) Forecast by National Weather Service California-Nevada River Forecast Center. 30 yr average (1971-2000)

(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, April through September forecast, 30 year average based on years 1971-2000.

(5) Forecast by Department of Water and Power, City of Los Angeles, average based on years 1951-2000.

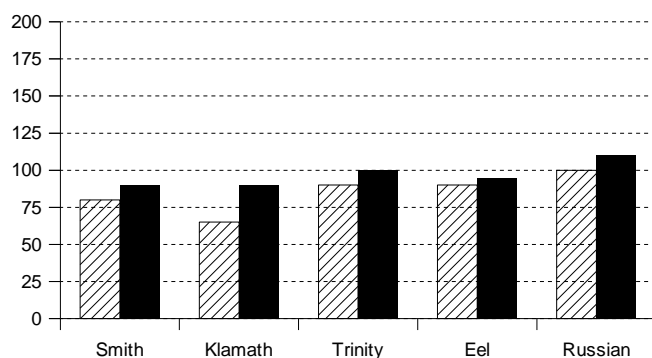
Snowpack Accumulation

Water Content in % of April 1 Average



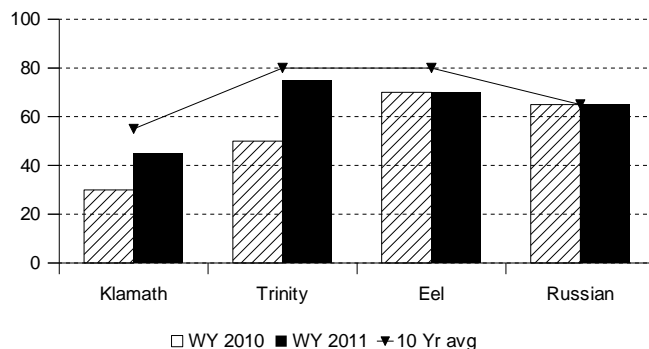
Precipitation

October 1 to date in % of Average



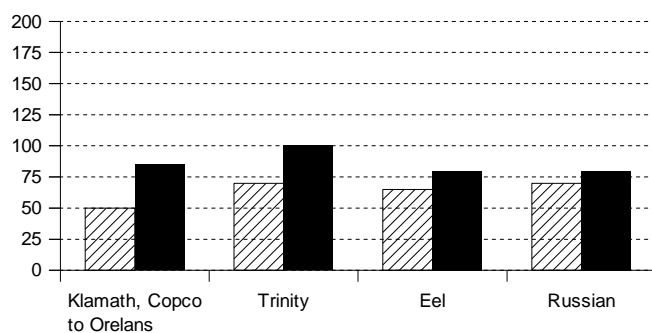
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH COAST REGION

SNOWPACK - First of the month measurements made at 1 snow courses indicate an area wide snow water equivalent of 20.2 inches. This is 65 percent of the March 1 average and 60 percent of the seasonal (April 1) average. Last year at this time the pack was holding 23.9 inches of water.

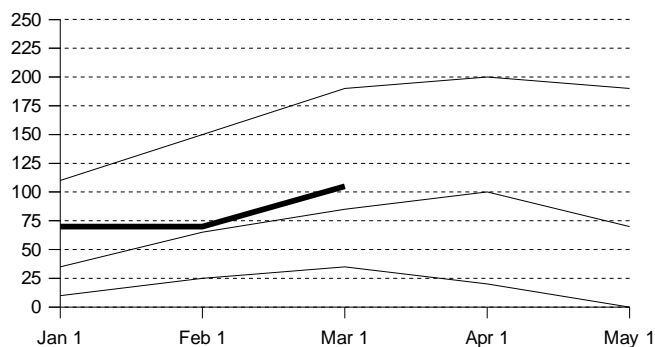
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 95 percent of normal. Precipitation last month was about 75 percent of the monthly average. Seasonal precipitation at this time last year stood at 85 percent of normal.

RESERVOIR STORAGE - First of the month storage in 6 reservoirs was 2.3 million acre-feet which is 105 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 70 percent of average.

RUNOFF - Seasonal runoff of streams draining the area totaled 6.4 million acre-feet which is 85 percent of the average for this period. Last year, runoff for the same period was 60 percent of average.

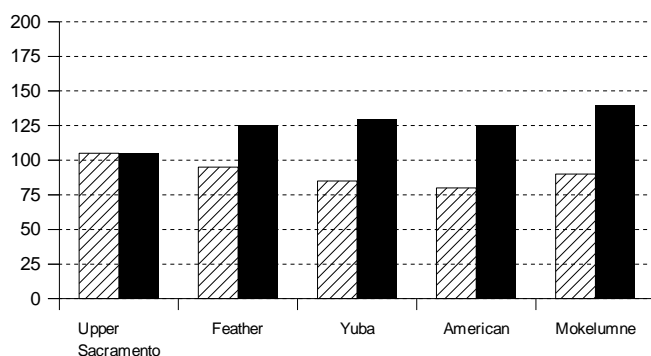
Snowpack Accumulation

Water Content in % of April 1 Average



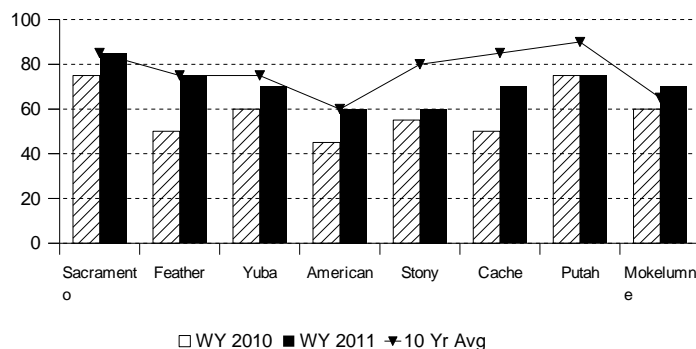
Precipitation

October 1 to date in % of Average



Reservoir Storage

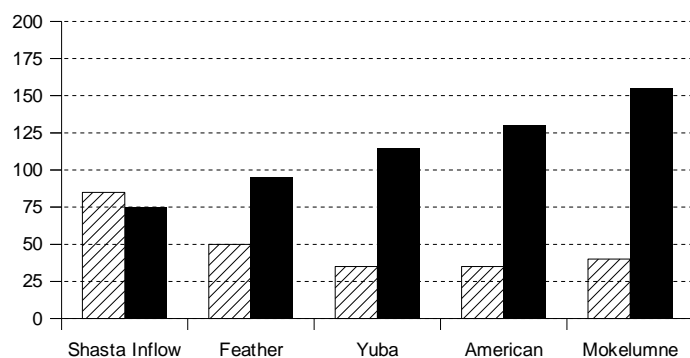
Contents of major reservoirs in % of capacity



□ WY 2010 ■ WY 2011 ▲ 10 Yr Avg

Runoff

October 1 to date in % of average



SACRAMENTO RIVER REGION

SNOWPACK- First of the month measurements made at 59 snow courses indicate an area wide snow water equivalent of 33.1 inches. This is 120 percent of the March 1 average and 105 percent of the seasonal (April 1) average. Last year at this time the pack was holding 28.3 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 115 percent of normal. Precipitation last month was about 95 percent of the monthly average. Seasonal precipitation at this time last year stood at 95 percent of normal.

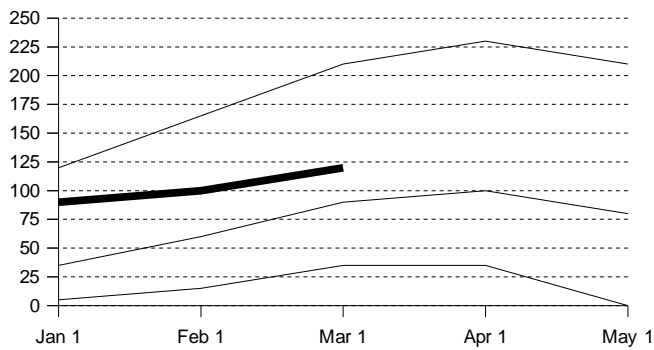
RESERVOIR STORAGE- First of the month storage in 43 reservoirs was 11.9 million acre-feet which is 105 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 85 percent of average.

RUNOFF - Seasonal runoff of streams draining the area totaled 7.7 million acre-feet which is 90 percent of average for this period. Last year, runoff for the same period was 65 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 7.7 assuming median meteorological conditions for the remainder of the year. This classifies the year as "below normal" in the Sacramento Valley according to the State Water Resources Control Board.

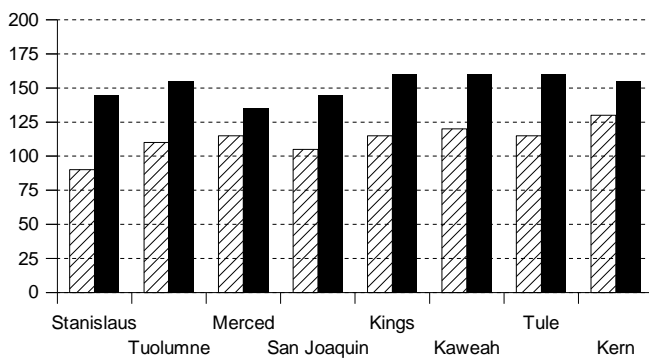
Snowpack Accumulation

Water Content in % of April 1 Average



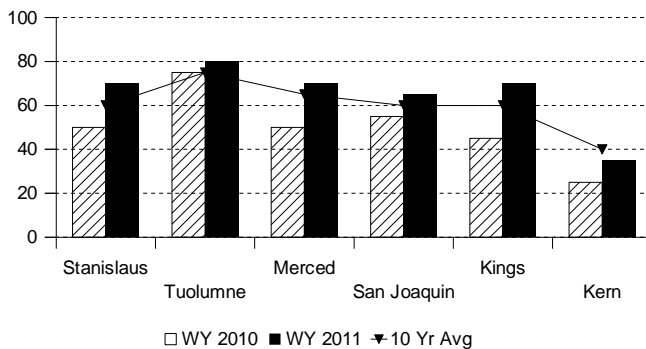
Precipitation

October 1 to date in % of Average



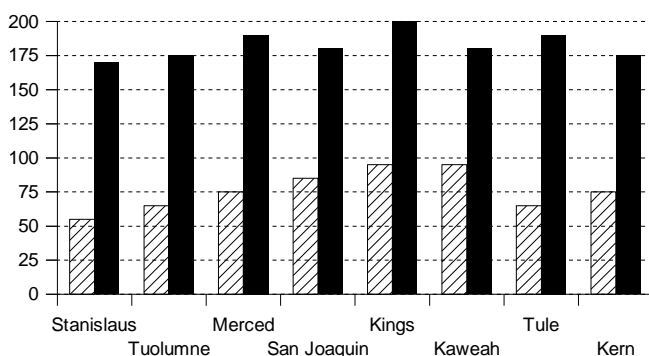
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SAN JOAQUIN RIVER AND TULARE LAKE REGIONS

SNOWPACK- First of the month measurements made at 62 **San Joaquin Region** snow courses indicate an area wide snow water equivalent of 35.6 inches. This is 135 percent of the March 1 average and 115 percent of seasonal (April 1) average. Last year at this time the pack was holding 28.1 inches of water. At the same time 31 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 29.5 inches which is 135 percent of the average for March 1 and 120 percent of the seasonal average. Last year at this time the basin was holding 24.5 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 140 percent of normal. Precipitation last month was about 100 percent of the monthly average. Seasonal precipitation at this time last year stood at 105 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 160 percent of normal. Precipitation last month was about 70 percent of the monthly average. Seasonal precipitation at this time last year stood at 120 percent of normal.

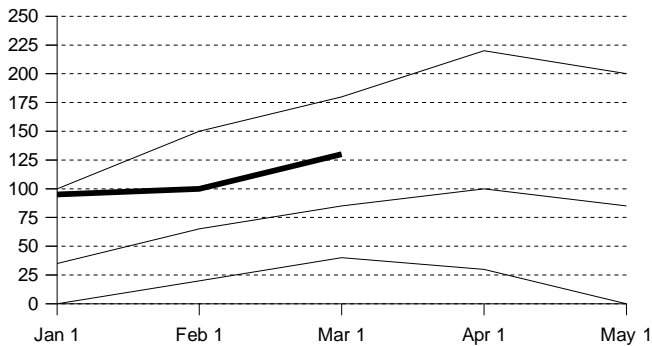
RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 8.6 million acre-feet which is 120 percent of average. About 75 percent of available capacity was being used. Storage at this time last year was 95 percent of average. First of the month storage in 4 **Tulare Lake Region** reservoirs was 925 thousand acre-feet which is 120 percent of average and about 50 percent of available capacity. Storage in at this time last year was 90 percent of average.

RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 2.9 million acre-feet which is 170 percent of average for this period. Last year, runoff for the same period was 60 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 1.2 million acre-feet which is 190 percent of average for this period. Last year runoff for this same period was 85 percent of average. The **San Joaquin Region 60-20-20 Water Supply Index** is forecast to be 3.9 assuming 75 percent meteorological conditions. This classifies the year as "wet" in the San Joaquin Region according to the State Water Resources Control Board.

NORTH AND SOUTH LAHONTAN REGIONS

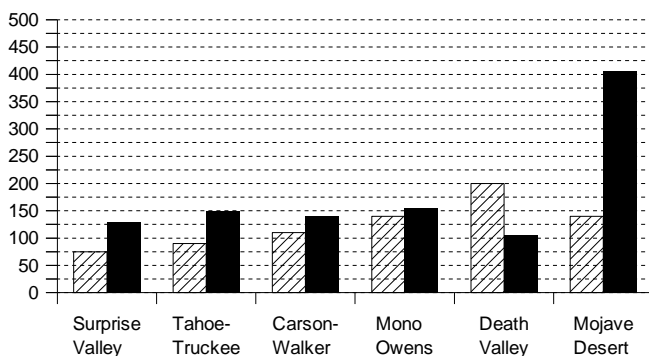
Snowpack Accumulation

Water Content in % of April 1 Average



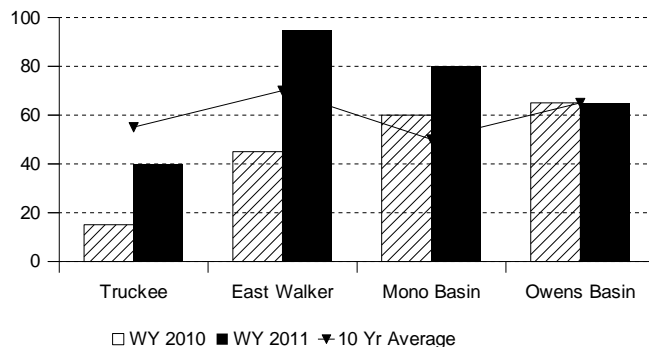
Precipitation

October 1 to date in % of Average



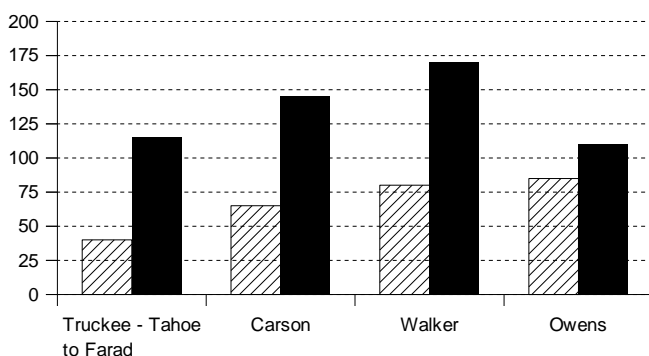
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SNOWPACK- First of the month measurements made at 11 **North Lahontan snow** courses indicate an area wide snow water equivalent of 32.5 inches. This is 135 percent of the March 1 average and 120 percent of seasonal (April 1) average. Last year at this time the pack was holding 20.9 inches of water. At the same time 14 **South Lahontan Region** snow courses indicated a basin-wide snow water equivalent of 27.5 inches which is 165 percent of the average for March 1 and 140 percent of the seasonal average. Last year at this time the basin was holding 18.2 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan** was 135 percent of normal. Precipitation last month was about 220 percent of the monthly average. Seasonal precipitation at this time last year stood at 65 percent of normal. Seasonal precipitation on the **South Lahontan** was 190 percent of normal. Precipitation last month was about 165 percent of the monthly average. Seasonal precipitation at this time last year stood at 160 percent of normal.

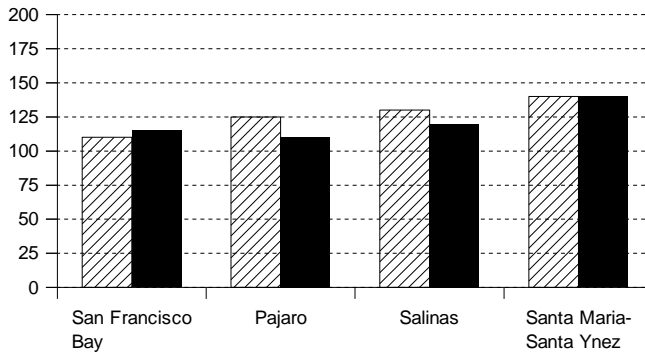
RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 450 thousand acre-feet which is 80 percent of average. About 40 percent of available capacity was being used. Storage in these reservoirs at this time last year was 30 percent of average. Lake Tahoe was 1.95 feet above its natural rim on March 1. First of the month storage in 8 **South Lahontan** reservoirs was 290 thousand acre-feet which is 110 percent of average and about 70 percent of available capacity. Storage in these reservoirs at this time last year was 70 percent of average.

RUNOFF- Seasonal runoff of streams draining the **North Lahontan Region** totaled 283 thousand acre-feet which is 140 percent of average for this period. Last year, runoff for the same period was 60 percent of average. Seasonal runoff of the Owens River in the **South Lahontan Region** totaled 60 thousand acre-feet which is 110 percent of average for this period. Last year runoff for this same period was at 85 percent of average.

SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

Precipitation

October 1 to date in % of Average

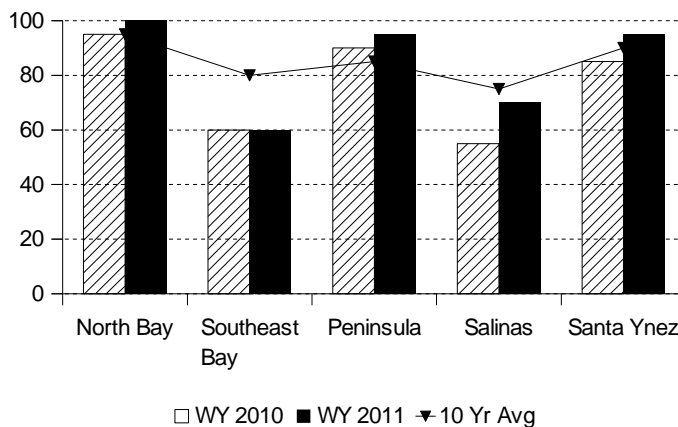


PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 115 percent of normal. Precipitation last month was about 120 percent of the monthly average. Seasonal precipitation at this time last year stood at 110 percent of normal.

Seasonal precipitation on the **Central Coast Region** was 125 percent of normal. Precipitation last month was about 105 percent of the monthly average. Seasonal precipitation at this time last year stood at 130 percent of normal.

Reservoir Storage

Contents of major reservoirs in % of capacity

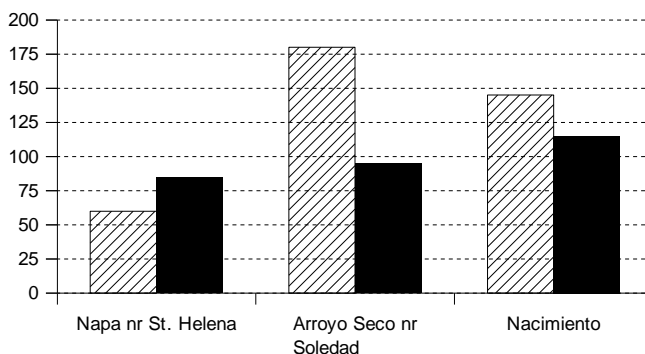


RESERVOIR STORAGE- First of the month storage in 13 **San Francisco Bay Region** reservoirs was 532 thousand acre-feet which is 105 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was 100 percent of average.

First of the month storage in 6 **Central Coast Region** reservoirs was 723 thousand acre-feet which is 110 percent of average and about 75 percent of available capacity. Storage in these reservoirs at this time last year was 90 percent of average.

Runoff

October 1 to date in % of average



RUNOFF- Seasonal runoff of the Napa River in the **San Francisco Bay Region** totaled 46 thousand acre-feet which is 85 percent of average for this period. Last year, runoff for the same period was 60 percent of average. Seasonal runoff of streams draining the **Central Coast Region** totaled 234 thousand acre-feet which is 110 percent of average for this period. Last year runoff for this same period was 155 percent of average.

SOUTH COAST AND COLORADO RIVER REGIONS

PRECIPITATION - October through February (seasonal) precipitation on the **South Coast Region** was 160 percent of normal. February precipitation was 85 percent of the monthly average. Seasonal precipitation at this time last year was 125 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** was 135 percent of normal and last year's seasonal precipitation on the **Colorado River-Desert Region** was 185 percent of normal. Precipitation in February was 190 percent of average.

RESERVOIR STORAGE - March 1 storage in 29 major **South Coast Region** reservoirs was 1.5 million acre-feet or 105 percent of average. About 75 percent of available capacity was being used. Storage in these reservoirs at this time last year was about 90 percent of average. On March 1 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 26.6 million acre-feet or about 65 percent of average. About 50 percent of available capacity was in use. Last year at this time, these reservoirs were storing about 27.5 million acre-feet.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams totaled 29 thousand acre-feet which is 105 percent of average. Seasonal runoff from these streams last year was 85 percent of average.

COLORADO RIVER - The April -July inflow to Lake Powell is forecast to be 9.2 million acre-feet, which is 116 percent of average. The March 1 snowpack was 120 percent, highest in the Duchesne basin at 145 percent of average and lowest on the San Juan at 95 percent.

MAJOR WATER DISTRIBUTION PROJECTS

RESERVOIR STORAGE

(AVERAGES BASED ON 1951-2000 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	2010 1,000 AF	STORAGE AT END OF February 2011 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
<i>STATE WATER PROJECT</i>						
Lake Oroville	3,538	2,523	1,386	2,684	106%	76%
San Luis Reservoir (SWP)	1,062	943	694	1,035	110%	97%
Lake Del Valle	77	34	41	37	108%	48%
Lake Silverwood	73	66	71	70	107%	96%
Pyramid Lake	171	163	168	168	103%	98%
Castaic Lake	325	271	280	293	108%	90%
Perris Lake	132	117	65	74	63%	56%
<i>CENTRAL VALLEY PROJECT</i>						
Trinity Lake	2,448	1,851	1,173	1,891	102%	77%
Lake Shasta	4,552	3,370	3,380	3,784	112%	83%
Whiskeytown Lake	241	207	211	205	99%	85%
Folsom Lake	977	554	419	613	111%	63%
New Melones Reservoir	2,420	1,440	1,234	1,694	118%	70%
Millerton Lake	520	345	305	407	118%	78%
San Luis Reservoir (CVP)	971	816	745	971	119%	100%
<i>COLORADO RIVER PROJECT</i>						
Lake Mead	26,159	20,494	11,780	11,117	54%	42%
Lake Powell	24,322	18,176	13,780	13,235	73%	54%
Lake Mohave	1,810	1,683	1,680	1,699	101%	94%
Lake Havasu	619	550	548	567	103%	91%
<i>EAST BAY MUNICIPAL UTILITY DISTRICT</i>						
Pardee Res	198	181	169	192	106%	97%
Camanche Reservoir	417	252	304	289	115%	69%
East Bay (4 res.)	147	132	124	134	101%	91%
<i>CITY AND COUNTY OF SAN FRANCISCO</i>						
Hetch-Hetchy Reservoir	360	148	272	237	160%	66%
Cherry Lake	268	125	258	226	180%	84%
Lake Eleanor	26	10	16	19	188%	74%
South Bay/Peninsula (4 res.)	225	172	158	169	98%	75%
<i>CITY OF LOS ANGELES (D.W.P.)</i>						
Lake Crowley	183	126	133	122	97%	67%
Grant Lake	48	27	35	44	161%	92%
Other Aqueduct Storage (6 res.)	83	75	54	56	74%	67%

TELEMETERED SNOW WATER EQUIVALENTS

March 1, 2011

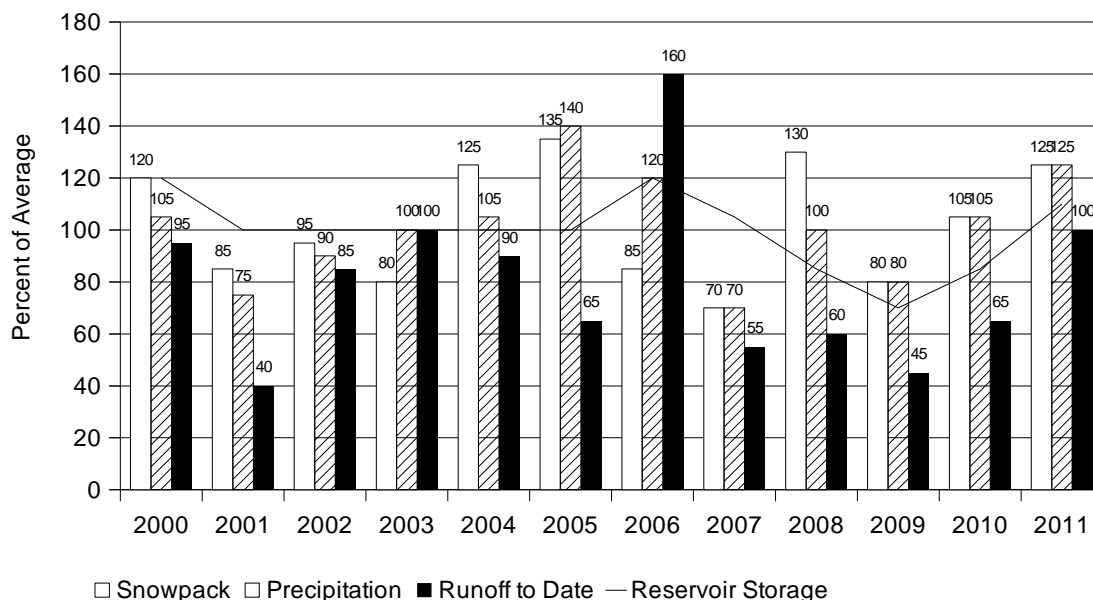
(AVERAGES BASED ON PERIOD RECORD)

		INCHES OF WATER EQUIVALENT				
BASIN NAME		APRIL 1		PERCENT	24 HRS	1 WEEK
STATION NAME	ELEV	AVERAGE	Mar 1	OF AVERAGE	PREVIOUS	PREVIOUS
TRINITY RIVER						
Peterson Flat	7150'	29.2	—	—	—	—
Red Rock Mountain	6700'	39.6	39.9	100.8	40.0	38.7
Bonanza King	6450'	40.5	38.5	95.1	37.7	35.0
Shimmy Lake	6400'	40.3	38.5	95.7	38.6	35.8
Middle Boulder 3	6200'	28.3	26.2	92.4	25.9	23.8
Highland Lakes	6030'	29.9	28.1	93.9	27.8	25.4
Scott Mountain	5900'	16.0	18.2	114.0	17.9	15.8
Mumbo Basin	5650'	22.4	26.0	116.3	26.2	24.2
Big Flat	5100'	15.8	20.6	130.5	20.4	19.4
Crowder Flat	5100'	—	5.5	—	5.5	5.0
SACRAMENTO RIVER						
Cedar Pass	7100'	18.1	19.5	107.7	19.1	15.7
Blacks Mountain	7050'	12.7	11.2	87.8	10.9	9.3
Sand Flat	6750'	42.4	37.7	88.9	37.6	35.5
Medicine Lake	6700'	32.6	27.4	83.9	27.1	25.2
Adin Mountain	6200'	13.6	—	—	—	—
Snow Mountain	5950'	27.0	35.0	129.8	34.9	31.7
Slate Creek	5700'	29.0	30.6	105.6	30.7	28.2
Stouts Meadow	5400'	36.0	43.3	120.2	44.7	41.2
FEATHER RIVER						
Lower Lassen Peak	8250'	—	62.0	—	66.2	60.3
Kettle Rock	7300'	25.5	26.4	103.5	26.2	23.8
Grizzly Ridge	6900'	29.7	33.4	112.3	33.2	30.7
Pilot Peak	6800'	52.6	53.0	100.7	53.2	49.9
Gold Lake	6750'	36.5	43.8	120.0	43.7	40.3
Humbug	6500'	28.0	38.3	136.7	38.2	35.3
Harkness Flat	6200'	28.5	—	—	—	—
Rattlesnake	6100'	14.0	29.9	213.4	29.9	27.6
Bucks Lake	5750'	44.7	55.8	124.8	55.4	53.0
Four Trees	5150'	20.0	35.9	179.3	35.8	33.7
EEL RIVER						
Noel Spring	5100'	—	6.1	—	6.5	6.8
YUBA & AMERICAN RIVERS						
Lake Lois	8600'	39.5	57.2	144.8	57.1	50.2
Schneiders	8750'	34.5	52.0	150.7	51.9	47.2
Carson Pass	8353'	—	38.8	—	38.8	35.7
Caples Lake	8000'	30.9	34.0	109.9	33.8	32.2
Alpha	7600'	35.9	41.9	116.8	41.9	37.5
Meadow Lake	7200'	55.5	67.8	122.1	67.7	63.5
Silver Lake	7100'	22.7	36.9	162.5	36.8	33.3
Central Sierra Snow Lab	6900'	33.6	50.3	149.7	50.3	46.7
Huysink	6600'	42.6	37.2	87.3	37.1	34.2
Van Vleck	6700'	35.9	49.5	137.9	49.1	43.7
Robinson Cow Camp	6480'	—	53.2	—	53.0	47.0
Robbs Saddle	5900'	21.4	28.3	132.3	28.3	24.7
Greek Store	5600'	21.0	—	—	—	—
Blue Canyon	5280'	9.0	24.8	275.4	—	—
Robbs Powerhouse	5150'	5.2	18.7	360.4	18.9	17.4
MOKELUMNE & STANISLAUS RIVERS						
Deadman Creek	9250'	37.2	33.2	89.4	33.1	29.3
Highland Meadow	8700'	47.9	—	—	—	—
Gianelli Meadow	8400'	55.5	53.4	96.2	53.3	48.6
Lower Relief Valley	8100'	41.2	41.3	100.2	41.6	38.2
Blue Lakes	8000'	33.1	33.2	100.3	33.1	30.5
Mud Lake	7900'	44.9	—	—	—	—
Stanislaus Meadow	7750'	47.5	53.7	113.1	53.5	48.9
Bloods Creek	7200'	35.5	40.8	114.9	40.7	36.6
Black Springs	6500'	32.0	34.3	107.2	34.0	30.2
TUOLUMNE & MERCED RIVERS						
Tioga Pass Entrance	9945'	—	—	—	—	—
Dana Meadows	9800'	27.7	29.3	105.8	29.4	27.4
Slide Canyon	9200'	41.1	44.9	109.3	44.9	41.6
Lake Tenaya	8150'	33.1	—	—	—	—
Tuolumne Meadows	8600'	22.6	—	—	—	—
Horse Meadow	8400'	48.6	57.5	118.3	57.4	53.2
Ostrander Lake	8200'	34.8	40.4	116.1	40.5	38.2
White Wolf	7900'	—	37.5	—	37.6	34.9
Paradise Meadow	7650'	41.3	—	—	—	—
Gin Flat	7050'	34.2	34.3	100.4	34.1	31.3
Lower Kibbie Ridge	6700'	27.4	27.3	99.7	27.6	24.9

SAN JOAQUIN RIVER						
Volcanic Knob	10050'	30.1	—	—	—	—
Agnew Pass	9450'	32.3	31.7	98.1	31.7	30.1
Kaiser Point	9200'	37.8	40.3	106.5	39.9	36.9
Green Mountain	7900'	30.8	38.3	124.3	38.2	35.4
Tamarack Summit	7550'	30.5	38.2	125.3	37.9	35.7
Chilkoot Meadow	7150'	38.0	32.9	86.6	33.0	33.4
Huntington Lake	7000'	20.1	33.4	166.0	33.2	31.7
Graveyard Meadow	6900'	18.8	31.3	166.6	31.3	29.9
Poison Ridge	6900'	28.9	37.3	129.1	37.3	35.5
KINGS RIVER						
Bishop Pass	11200'	34.0	32.4	95.3	32.2	30.1
State Lakes	10300'	29.0	42.2	145.5	41.9	39.2
Mitchell Meadow	9900'	32.9	46.4	141.0	46.4	45.0
Blackcap Basin	10300'	34.3	39.3	114.6	39.4	37.0
Upper Burnt Corral	9700'	34.6	38.1	110.0	38.3	36.4
West Woodchuck Meadow	9100'	32.8	45.9	139.9	46.7	44.7
Big Meadows	7600'	25.9	33.5	129.3	33.1	32.4
KAWEAH & TULE RIVERS						
Quaking Aspen	7200'	21.0	32.4	154.2	31.8	29.8
Giant Forest	6650'	10.0	18.6	186.0	18.5	18.0
KERN RIVER						
Upper Tyndall Creek	11400'	27.7	27.3	98.6	27.2	25.4
Crabtree Meadow	10700'	19.8	21.4	107.8	21.2	20.3
Chagoopa Plateau	10300'	21.8	—	—	—	—
Pascoes	9150'	24.9	—	—	—	—
Tunnel Guard Station	8900'	15.6	23.4	150.3	23.5	22.8
Wet Meadows	8950'	30.3	40.3	133.0	40.3	38.4
Casa Vieja Meadows	8300'	20.9	30.0	143.4	32.6	29.6
Beach Meadows	7650'	11.0	—	—	—	—
SURPRISE VALLEY AREA						
Dismal Swamp	7050'	29.2	30.4	104.1	29.7	26.5
TRUCKEE RIVER						
Independence Lake	8450'	41.4	48.2	116.4	48.2	45.6
Big Meadows	8700'	25.7	26.2	101.9	26.1	24.0
Squaw Valley	8200'	46.5	49.2	105.8	49.2	45.1
Independence Camp	7000'	21.8	20.8	95.4	20.7	19.3
Independence Creek	6500'	12.7	21.3	167.7	21.2	19.8
Truckee 2	6400'	14.3	28.1	196.5	28.0	25.8
LAKE TAHOE BASIN						
Mount Rose Ski Area	8900'	38.5	40.4	104.9	40.4	37.2
Heavenly Valley	8800'	28.1	32.2	114.6	32.1	29.9
Hagans Meadow	8000'	16.5	24.2	146.7	24.1	22.3
Marlette Lake	8000'	21.1	33.2	157.3	33.3	29.7
Echo Peak 5	7800'	39.5	52.7	133.4	52.8	48.5
Rubicon Peak 2	7500'	29.1	31.8	109.3	31.5	29.1
Tahoe City Cross	6750'	16.0	20.3	126.9	20.5	19.5
Ward Creek 3	6750'	39.4	46.3	117.5	46.4	41.9
Fallen Leaf Lake	6250'	7.0	14.1	201.4	14.3	14.6
CARSON RIVER						
Ebbetts Pass	8700'	38.8	40.4	104.1	40.5	36.8
Horse Meadow	8557'	—	27.5	—	27.4	25.1
Burnside Lake	8129'	—	34.1	—	34.2	31.5
Forestdale Creek	8017'	—	45.9	—	45.8	41.9
Poison Flat	7900'	16.2	16.6	102.5	16.6	15.2
Monitor Pass	8350'	—	19.5	—	19.5	17.8
Spratt Creek	6150'	4.5	—	—	—	—
WALKER RIVER						
Leavitt Lake	9600'	—	60.7	—	60.6	56.2
Summit Meadow	9313'	—	27.6	—	27.4	25.1
Virginia Lakes	9300'	20.3	19.8	97.5	19.6	18.7
Lobdell Lake	9200'	17.3	24.2	139.9	24.1	21.8
Sonora Pass Bridge	8750'	26.0	29.3	112.7	29.2	26.5
Leavitt Meadows	7200'	8.0	18.8	235.0	18.7	17.5
OWENS RIVER/MONO LAKE						
Gem Pass	10750'	31.7	41.1	129.6	41.0	38.9
Sawmill	10200'	19.4	17.2	88.9	17.4	17.4
Cottonwood Lakes	10150'	11.6	19.1	164.7	19.2	18.8
Big Pine Creek	9800'	17.9	31.7	176.9	31.6	27.2
South Lake	9600'	16.0	25.9	162.0	25.9	25.0
Mammoth Pass	9300'	42.4	46.0	108.4	45.7	42.7
Rock Creek Lakes	9700'	14.0	23.2	165.5	23.1	21.6

NORMAL SNOWPACK ACCUMULATION EXPRESSED AS A PERCENT OF APRIL 1ST AVERAGE						
AREA	JANUARY	FEBRUARY	MARCH	APRIL	MAY	
Central Valley North	45%	70%	90%	100%	75%	
Central Valley South	45%	65%	85%	100%	80%	
North Coast	40%	60%	85%	100%	80%	

March 1 Statewide Conditions



SNOWLINES

The 79th Western Snow Conference (WSC) annual meeting will be held in South Lake Tahoe April 18-21. This meeting will be hosted by the South Pacific Region. Don't miss out on an opportunity to attend this meeting of the premier organization devoted to the study of snow and runoff. Further information is at <http://www.westernsnowconference.org/> or contact Frank Gehrke 916-574-2635. The short course on Monday "Precipitation Runoff Modeling System Overview & Use, Presented as a Case Study: California's Feather River" is particularly germane to water management

Depicted on this month's cover is a National Park Service snow gauger surveying the Farewell Gap snow sensor following an avalanche in early January. Photo taken January 28, 2011